

**McCall Chapter of the Idaho Master Naturalist Program**  
**Course Syllabus**  
**2016**

**Program Contacts:**

*Diane Evans-Mack*, Idaho Fish and Game

*Terri Bryant*, Ponderosa State Park

*Terri Smith*, McCall Chapter of the Master Naturalists

**Program Website:**

[http://fishandgame.idaho.gov/sites/Wildlife/ID Master Naturalist/McCall/default.aspx](http://fishandgame.idaho.gov/sites/Wildlife/ID%20Master%20Naturalist/McCall/default.aspx)

**Program Overview:**

The mission of the Idaho Master Naturalist Program is to develop a corps of well-informed volunteers to actively work toward stewardship of Idaho's natural environment. Participants of the Idaho Master Naturalist Program will finish their training and service with:

- 1) an increased knowledge of Idaho's natural environment and ecological principles;
- 2) an understanding of a variety of views about nature and natural resource management;
- 3) motivation to continue learning and volunteering toward conservation of Idaho's natural world;  
and
- 4) the feeling they can help make a difference in their community through conservation volunteerism.

**Three Components to Certification:**

- 1) 40 hours of core curriculum, in both classroom and field settings;
- 2) 8 hours of advanced training;
- 3) 40 hours of service with one or more of the advisory agencies

**Program Logistics for the McCall Chapter**

- 1) *Certification Components* – Our scheduled class time encompasses the 40 hours of core curriculum as well as 8 hours of advanced training.
- 2) The advanced training is training in our “track” – in this case, your choice among Conservation, Interpretation, or both. 8 hours of advanced training will be on your own with an agency of your choice from among the advisory agencies or during scheduled training sessions that are different than those you originally attended. *This includes learning more about the operations of the volunteer site, shadowing a program at the site, etc. Example: members wanting to practice interpretation can attend interpretative programs they are interested in presenting in the future.*

The 40 hours of volunteer service must be completed at one of the designated sites (see list), or approved in advance by the planning committee.

Advisory or site list: Ponderosa State Park, Idaho Dept. of Fish and Game, Payette National Forest, Bureau of Reclamation-Lake Cascade, Snowden Wildlife Sanctuary, and McCall Outdoor Science School.

3) *Attendance* – each participant may miss one class. An assignment, dependent upon the class missed, will be used to make up the missing hours.

In certain extenuating cases, the planning committee may, at their discretion, approve additional missed time. To help us plan appropriately (and avoid purchasing more materials than needed), please contact us if you know you will not be able to attend a class. *Communication Regarding Class* – updates and information on class will be communicated primarily through email and the chapter website. Please check these regularly for information.

4) *Forms* – there are several forms you need to complete to participate in the Master Naturalist program. They will be introduced as we go, but will include a background check and approval for Advanced Training. These are requirements set by the state.

5) *Location* – the 3-hour classroom components will take place at the Activity Center at Ponderosa State Park, unless otherwise announced. For the field days, we will meet at the Activity Center to arrange carpools if needed, and then depart for our location for the day. For the field days, please come prepared for an entire day out in our glorious, mercurial weather!

Field trips will not be cancelled because of small showers, or small amounts of snow. We will make other plans if the weather will detract from learning. Please bring lots of water, a lunch, snacks, raingear, sunscreen, a journal/notebook, and any other items that will help with your comfort. We will provide first aid/hygiene supplies. More details on field days will be announced close to the scheduled dates.

### **Program Fees:**

Individuals who wish to participate in this program are responsible for program costs. The total cost for the program is \$65. The \$65 cost includes the classes, a field journal, graduation fee, state mandated fee, and costs of facility usage, speaker fees and travel costs.

This fee needs to be paid in cash or check, prior to or on the first day of the start of the program.

### **Class Schedule for 2016 (All meetings will be held at the Ponderosa Park Activities Center, 1:00p.m. - 4:00 p.m. unless otherwise noted)**

#### **1. Meeting: March 1, 2016**

Topic “Introduction to Master Naturalist Program” –

Presenters: Sara Focht and Terri Bryant &

Topic “Land Use Managers and Ownership”

Presenters: Robb and Terri Bryant

**Read Prior to Class:** 100 Introduction to Idaho Master Naturalist Program & 102 Land Use and Ownership & 115 Rangeland (read pages 13-16)

(See Curriculum Chapters for all reading assignments on the Idaho Master Naturalists Webpage, McCall Chapter)

**2. Meeting: March 3, 2016**

Topic "Snowden Wildlife Sanctuary"

Presenter: Carolyn Walpole

**Read Prior to Class:** 104 Ecological Regions of Idaho

**3. Meeting: March 8, 2016**

Topic: Ecology of the Forest

Presenter: Sue Miller &

Topic: Wilderness

Presenter: Patti Stieger

**Read Prior to Class:** 105 Ecological Concepts: A Study on the Payette National Forest and  
106 Ecosystem Management

**4. Meeting: March 10, 2016**

Topic: "Geology of Idaho"

Presenter: John Rygh

**Read Prior to Class:** Geo final (Read sections: 1-10, 16, 19, 23, & 30 at least, you can read the whole chapter if you have time.)

**5. Meeting: March 15, 2016**

Topic: "Noxious Weeds and Invasive Species"

Presenters: Brian McMorris, Donna Reed, Steve Anderson, Diane Green, and Nick Zurfluh

**Read Prior to Class:** 115 Rangeland (read pgs. 19-23), and Invasive Plants (read pgs. 49-51)

**6. Meeting: March 17, 2016**

Topic "Interpretation and Environmental Education, How Are They the Same and Different?"

Presenter: Terri Bryant

**Read Prior to Class:** 125 Interpretation and 126 A Little More about Themes

*Spring Break: March 22-24, 2016*

**7. Meeting: March 29, 2016**

Topic: "Insect Ecology and Invasive Insect Pests"

Presenter: Dr. Paul Castrovillo

**Read Prior to Class:** 121 Entomology

**8. Meeting: Meeting: March 31, 2016**

Topic "Bird ID"

Presenter: Diane Evans-Mack

**Read Prior to Class:** 119 Ornithology

**9. Meeting: April 5, 2016**

Topic: "Fire and Forest Ecology"

Presenter: Richard Taplin

**Read Prior to Class:** 109 Forestry

**10. Meeting: April 7, 2016**

Topic: "Wildlife of Concern in this Area"

Presenter: Rob Ryan and Regan Berkley or Nathan Borg

**Read Prior to Class:** 123 Mammalogy and 127 Citizen Science: Learning about the World with Science

**11. Meeting: April 12, 2016**

Topic: "Watershed Studies"

Presenter: Leigh Bailey

**Read Prior to Class:** 112 Aquatic Ecology

**12. Meeting: April 14, 2016**

Topic: "Trees of Ponderosa State Park"

Presenter: Terri Bryant

**Read Prior to Class:** 109 Forestry

**13. Meeting: April 19, 2016**

Topic "Ichthyology and Fisheries Management"

Presenters: Dr. David Burns and Caleb Zurstadt

**Read Prior to Class:** 114 Ichthyology and Fisheries Management

**14. Meeting: April 21, 2016**

Topic: "Ecological Restoration"

Presenter: Tom Crawford

**Read Prior to Class:** 115 Rangeland (read pages 33-49), 116 Urban Systems, and 110 Wetlands

**15. Meeting: April 26, 2016**

Topic: "Plant ID"

Presenter: Terri Bryant

**Read Prior to Class:** 117 Plants and 115 Rangeland (pages 19-23)

**16. Meeting: April 28, 2016**

Topic: "Learning to Identify Wild Mushrooms"

Presenter: Kathy Richmond

**Read Prior to Class:**

**17. Meeting: May 3, 2016**

Topics: "Raptors"

Presenters: Dave Hazelton

**Read Prior to Class:** 119 Ornithology (review)

**17. Meeting: May 5, 2016**

Topic: "Bats of Idaho"

Presenter: Rita Dixon

**Read Prior to Class:** 123 Mammalogy (review)

**Possible Volunteer Hours:**

**Junior Rangers programs start on May 28, 2016 and are every Saturday through September 3, 2016 (Master Naturalists are the presenters of these programs.)**

**May 28, 2016 International Migratory Bird Day, (Bird Walk can be used as education hours if short.)**

**June 4, 2016 National Trail Day Project**

**June 11, 2016 Free Fishing Day Event**

**July 9, 2016 Payette Children's Forest Event**

**August 5-6, 2016 Star Party (Can be used as education hours)**

**There will be an Evening Program almost every Saturday night from May 28<sup>th</sup> –September 3<sup>rd</sup>, attendances can be used as education hours.**